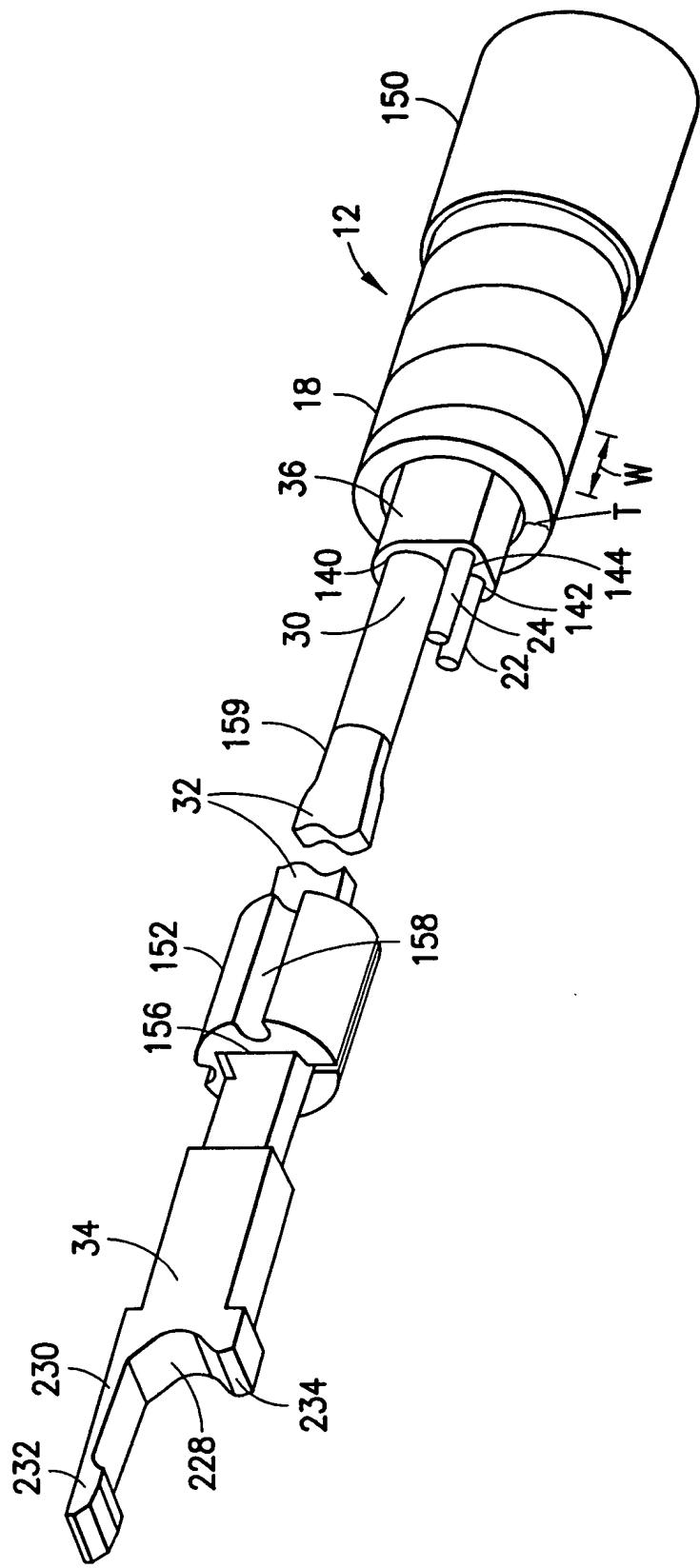


FIG. 1

FIG.2



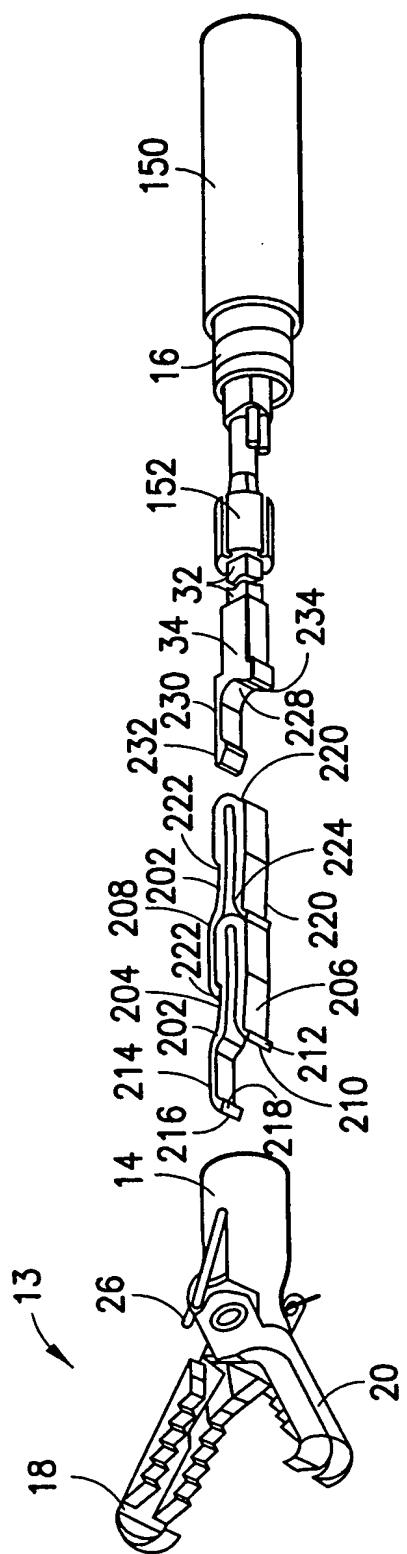


FIG.2A

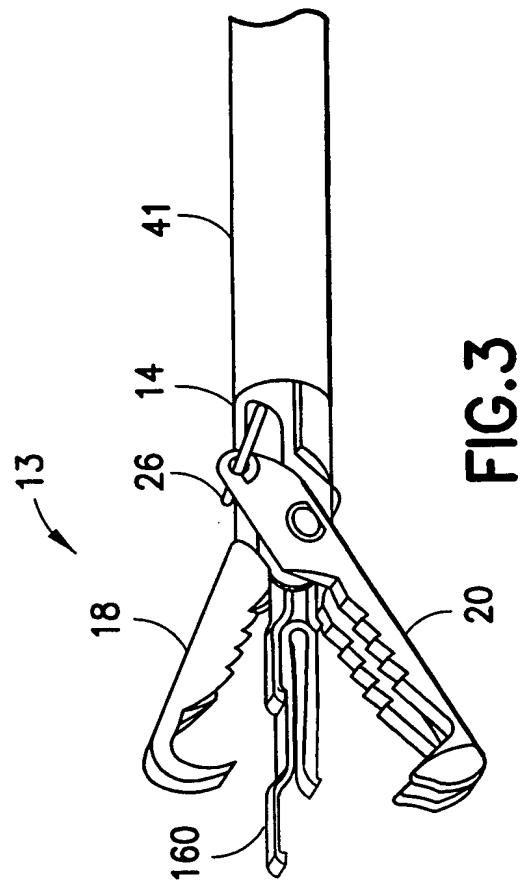


FIG.3

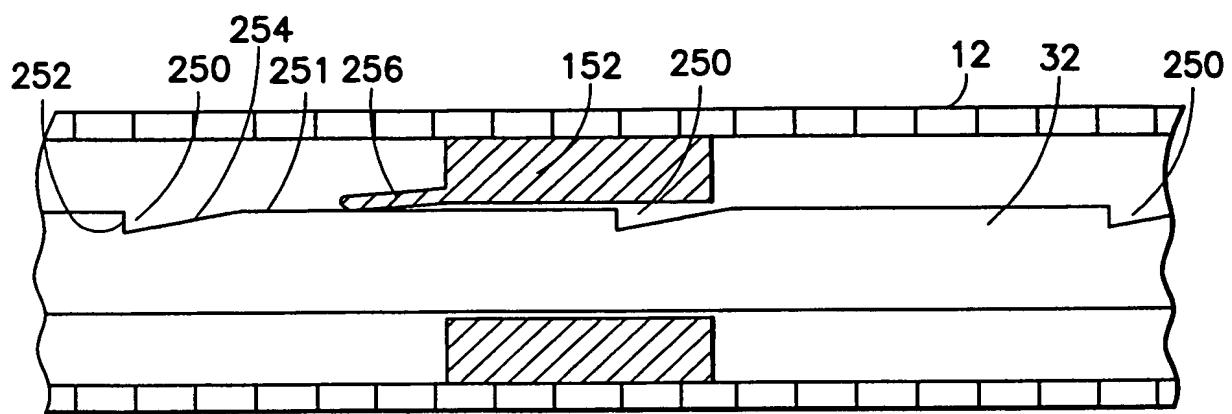


FIG.2B

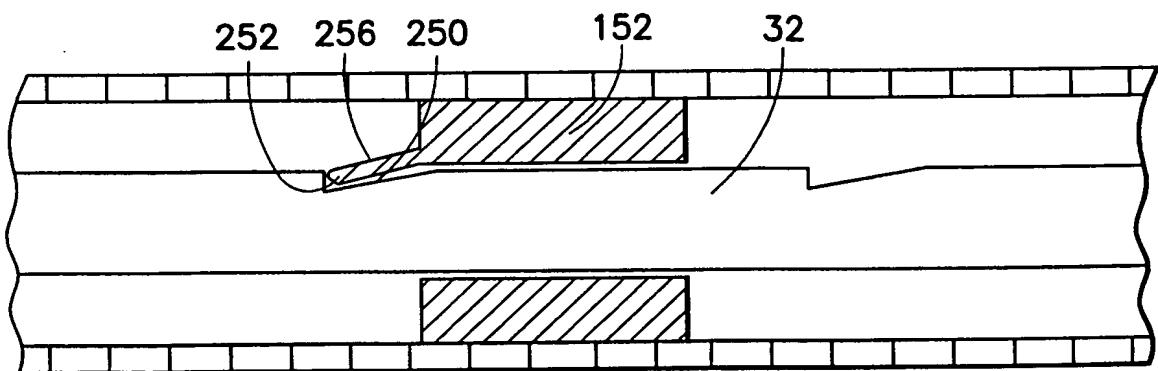


FIG.2C

FIG. 4

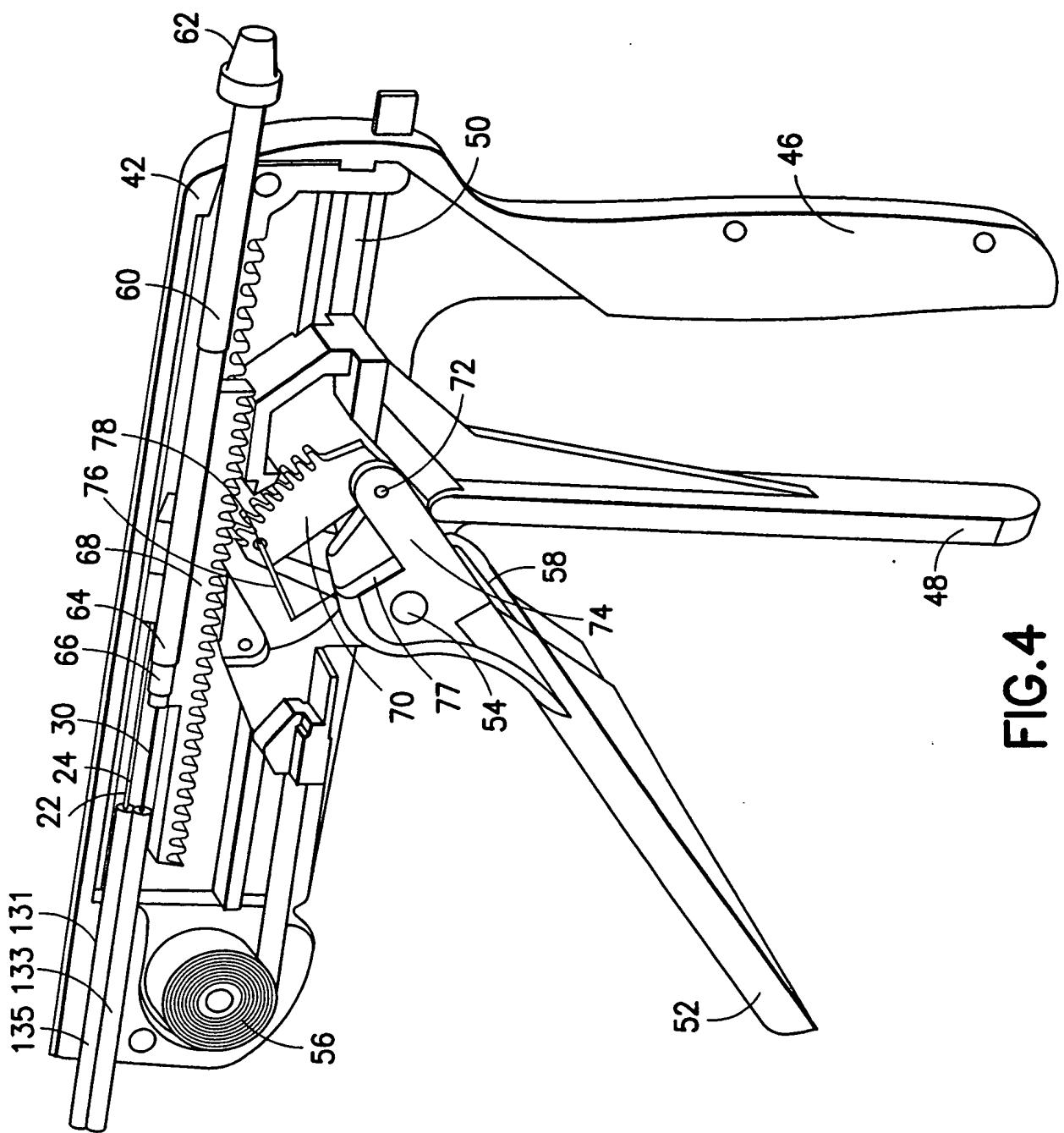
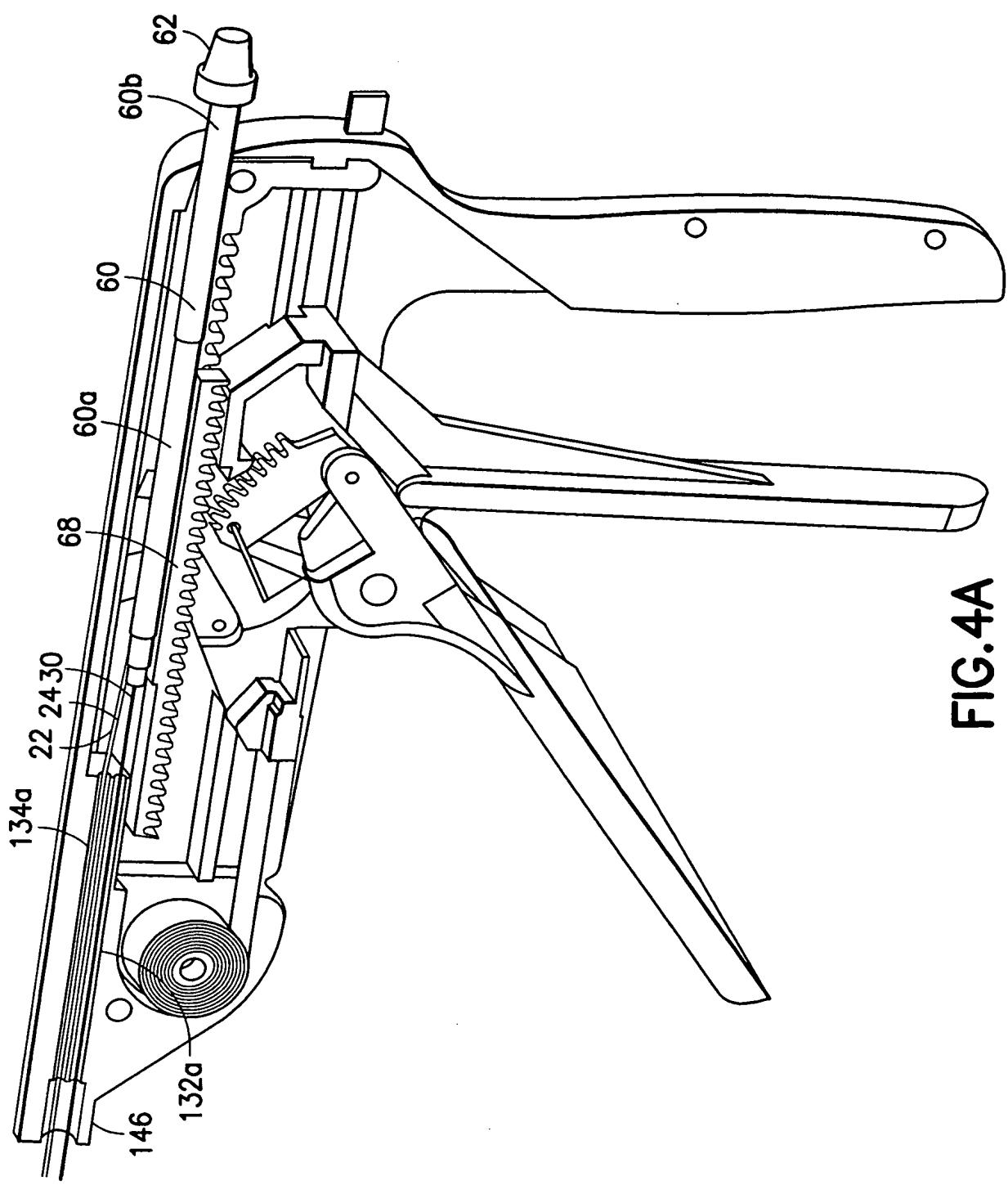


FIG. 4A



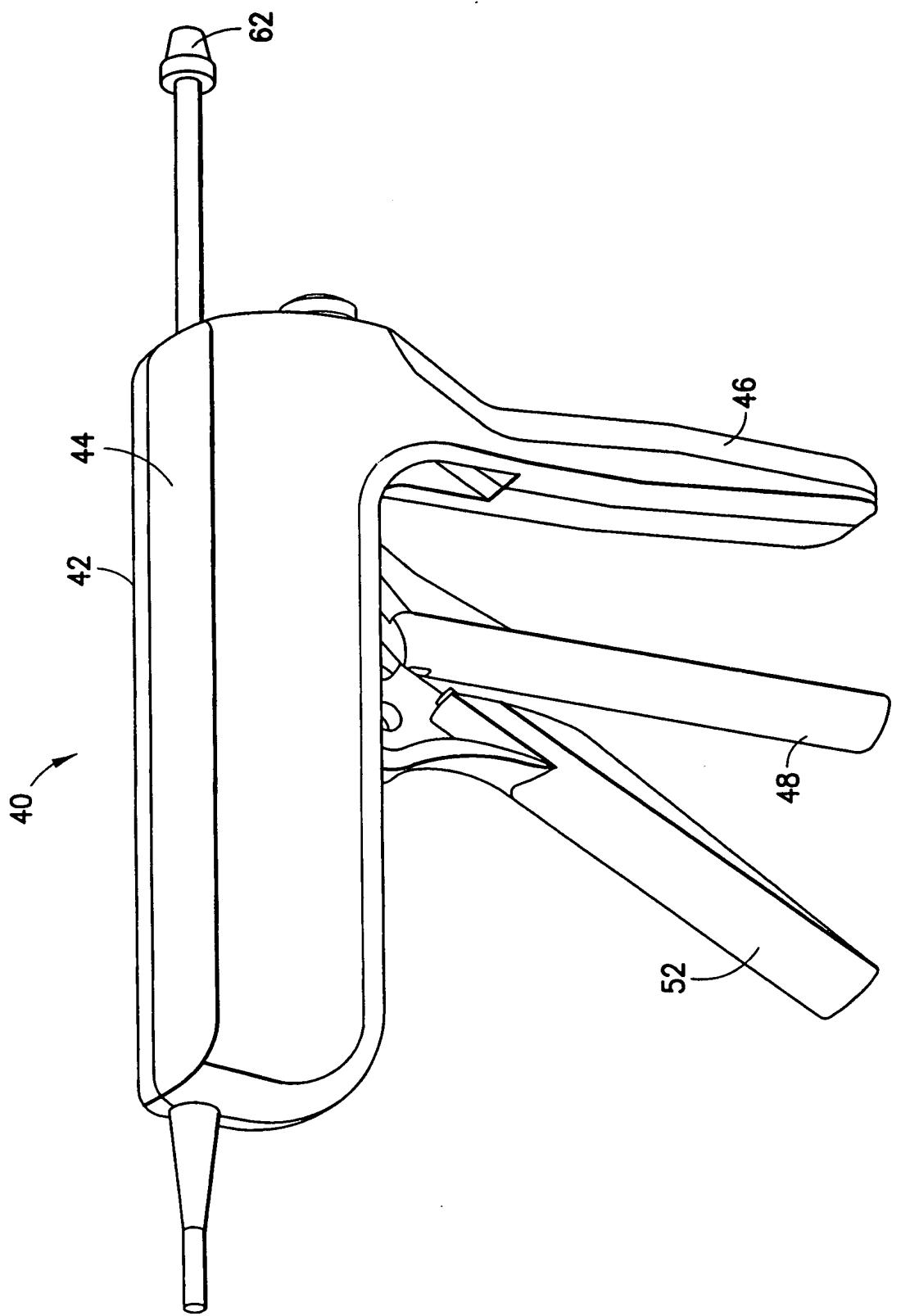


FIG.5

FIG. 6

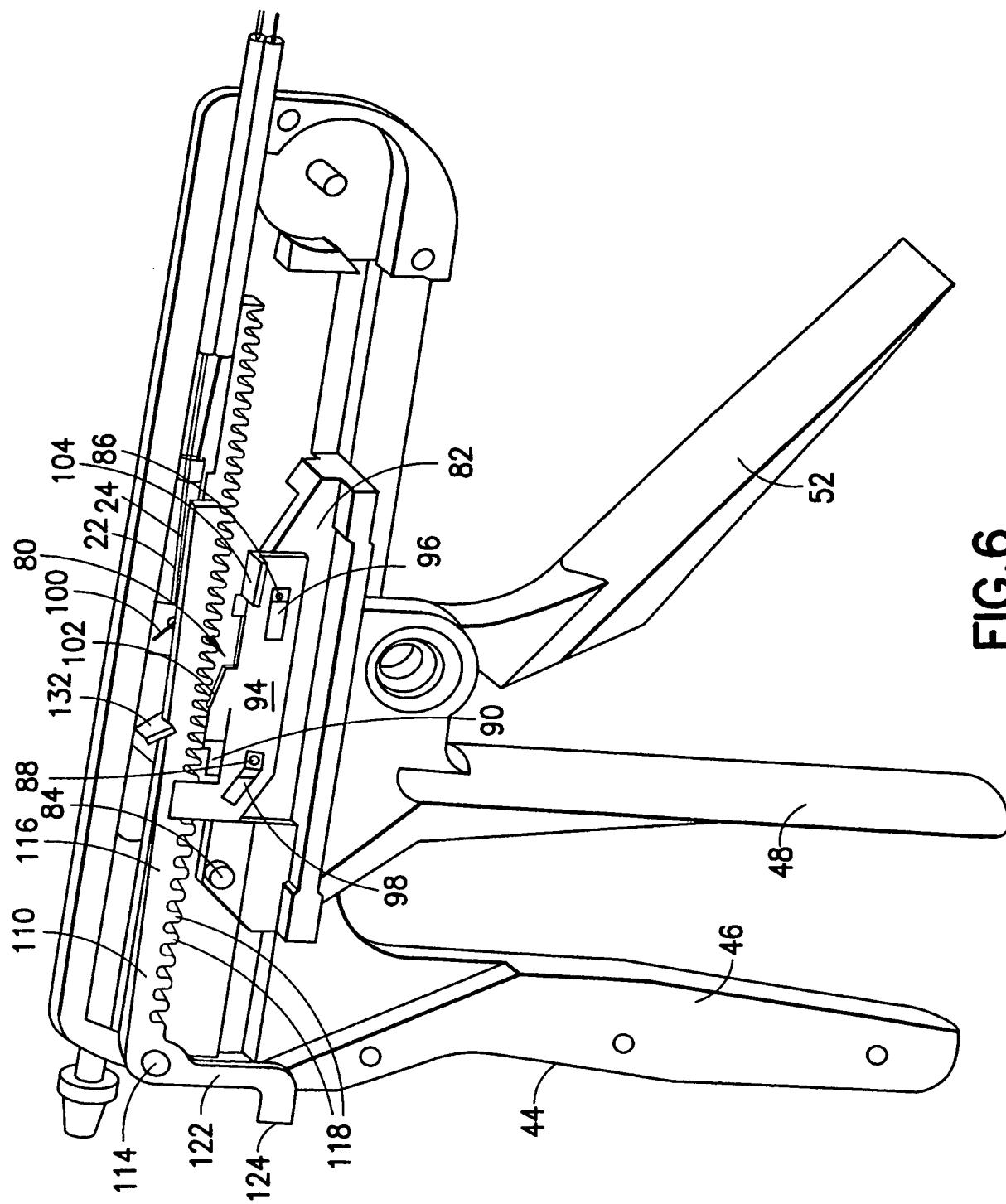


FIG.7

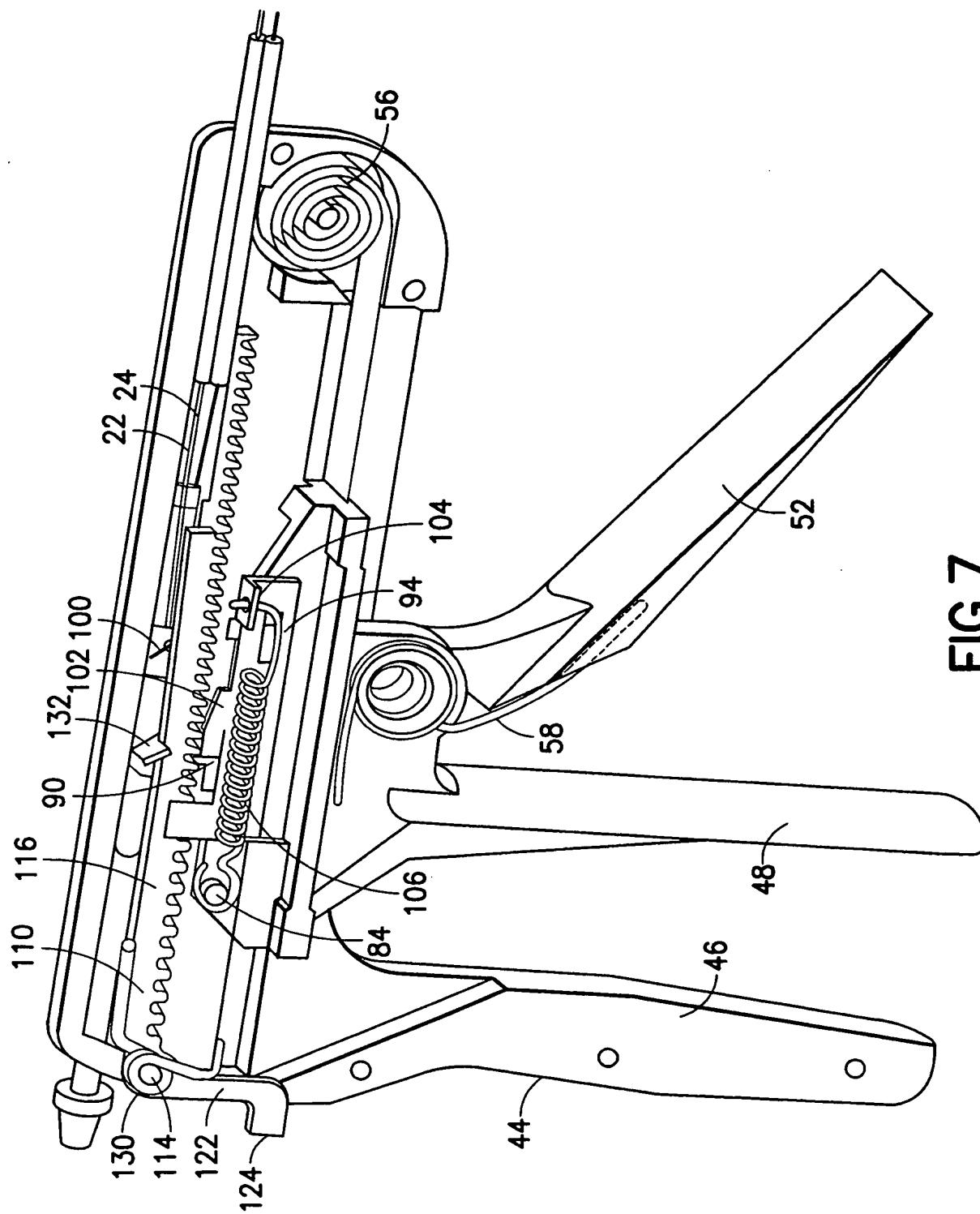
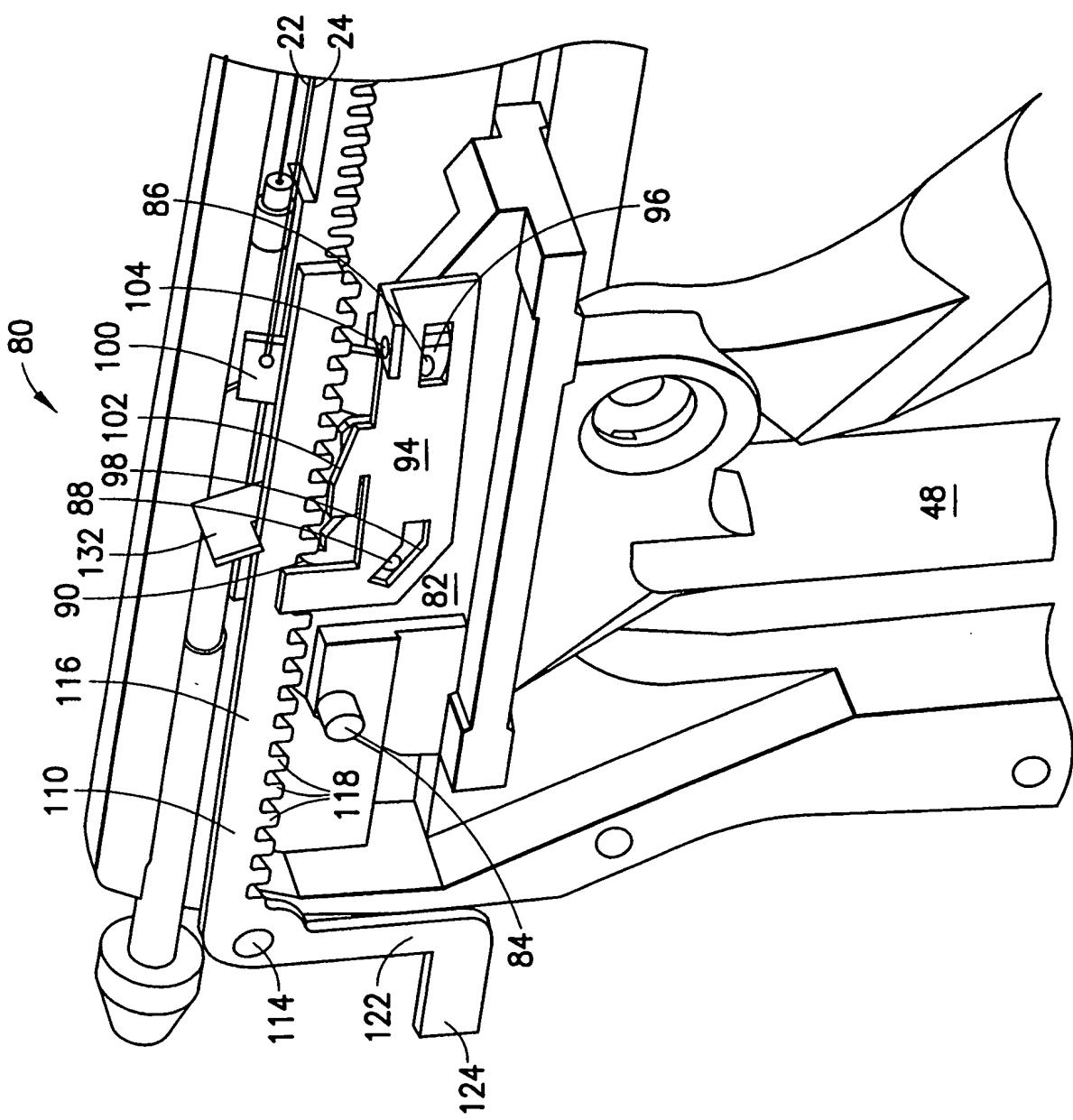


FIG.8



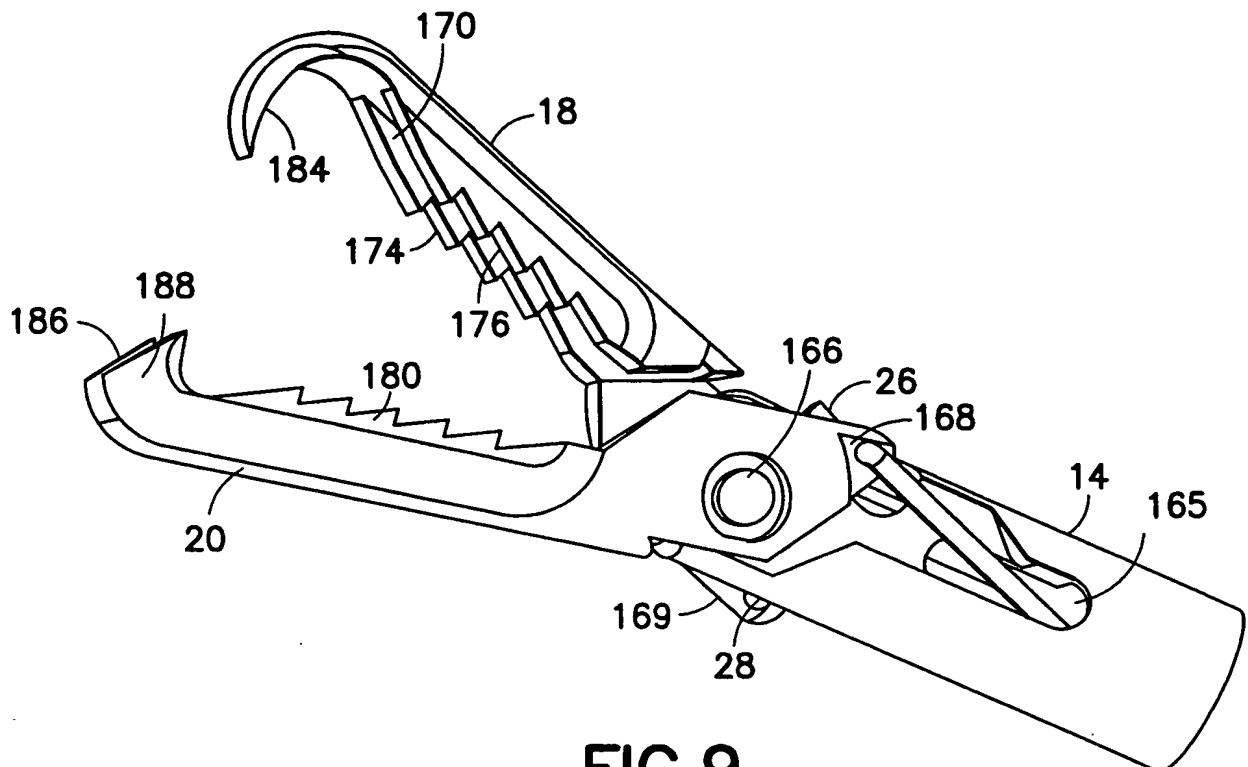


FIG. 9

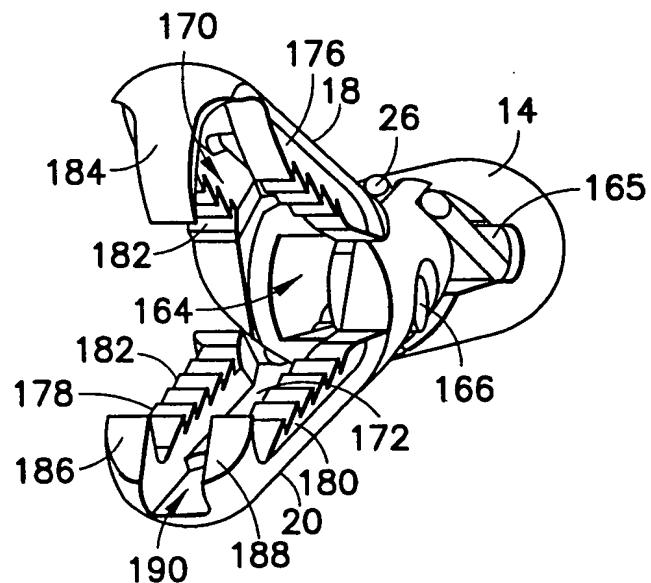


FIG. 10

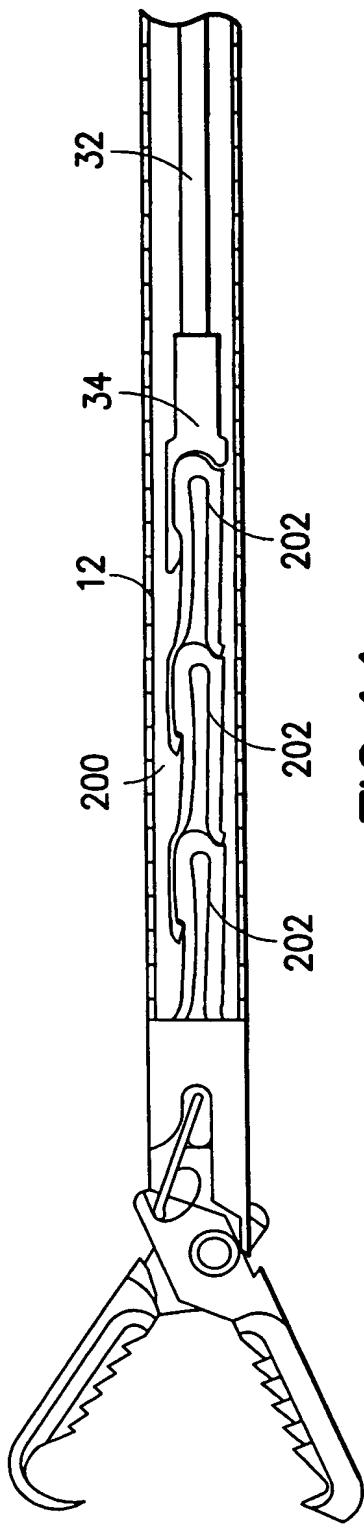


FIG. 11

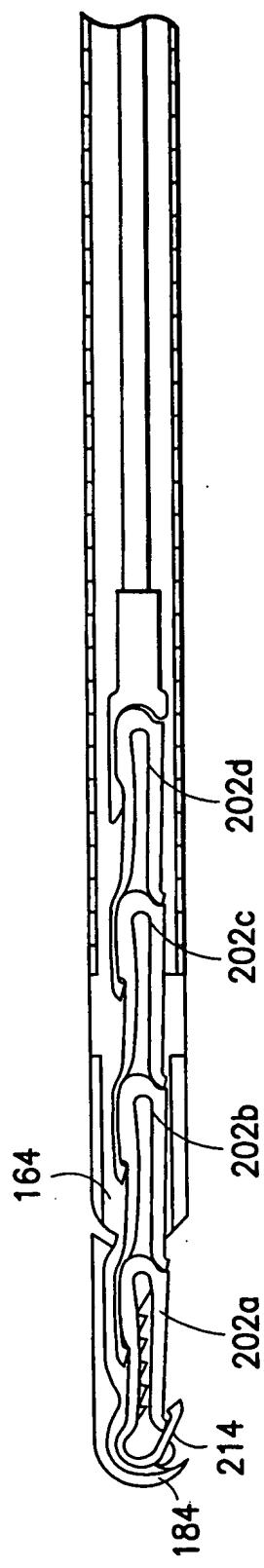


FIG. 17

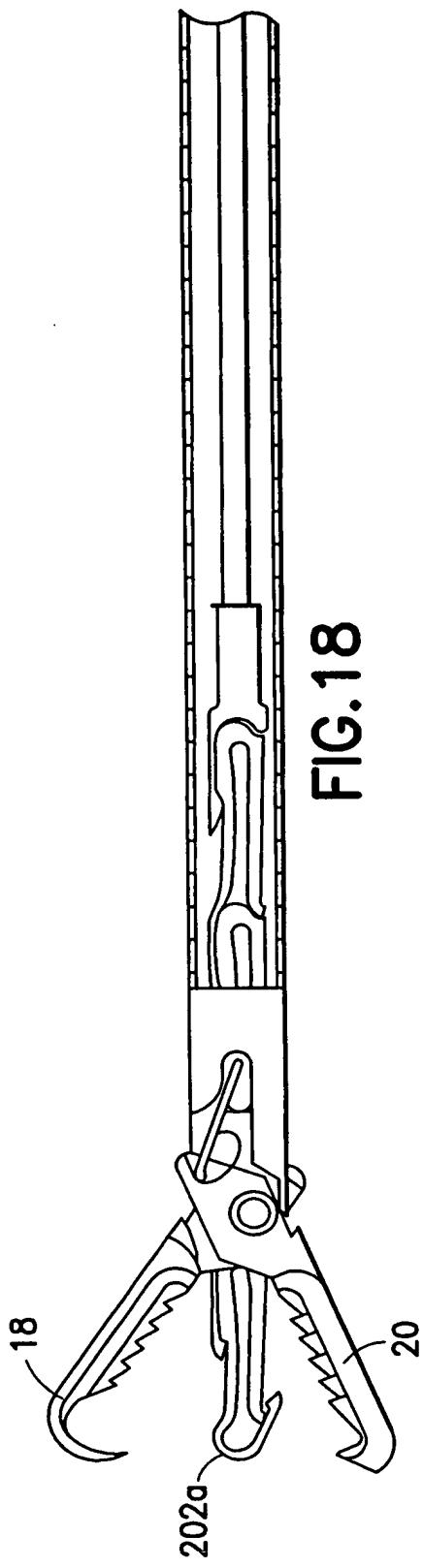


FIG. 18

FIG. 12

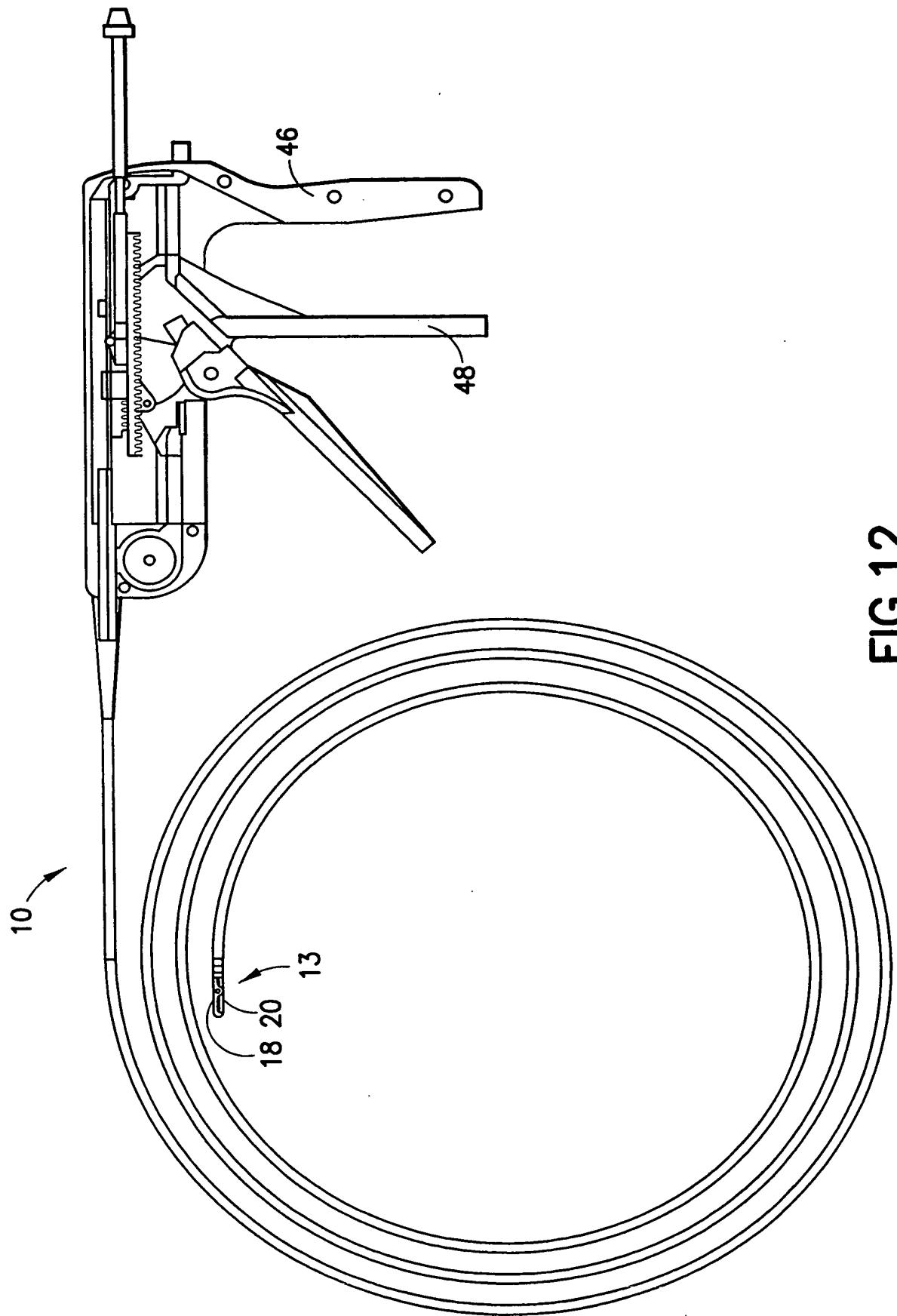


FIG.13

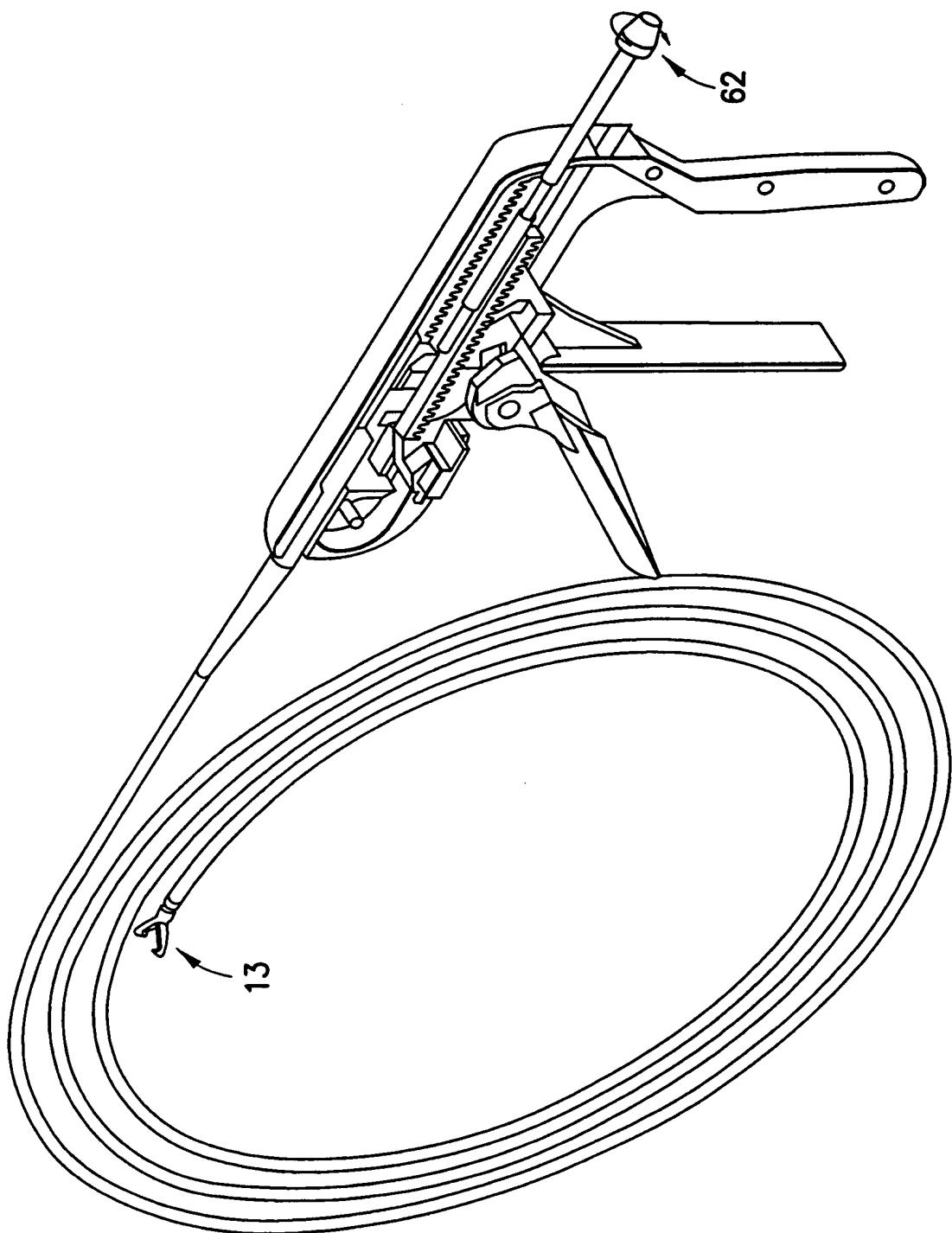
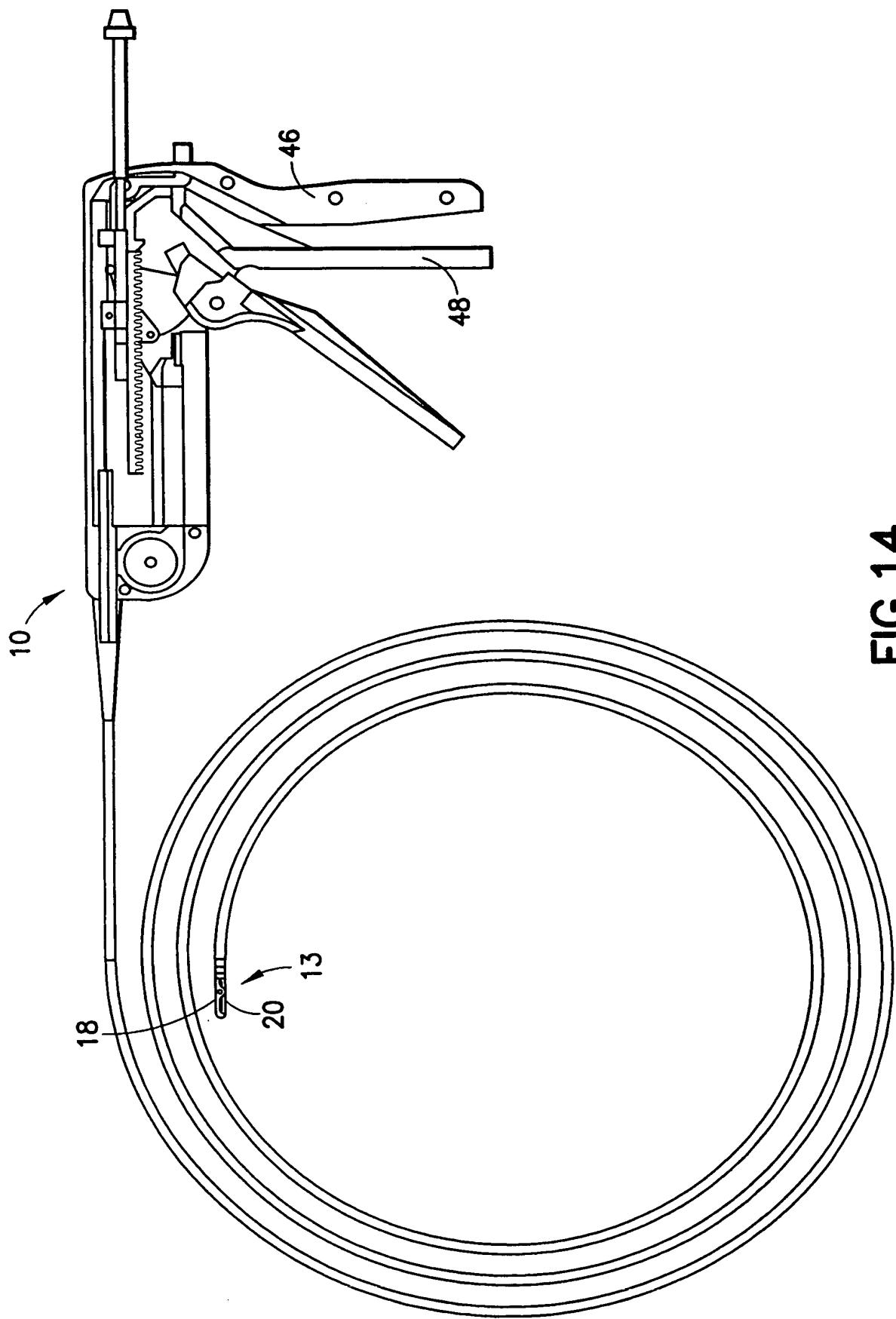


FIG. 14



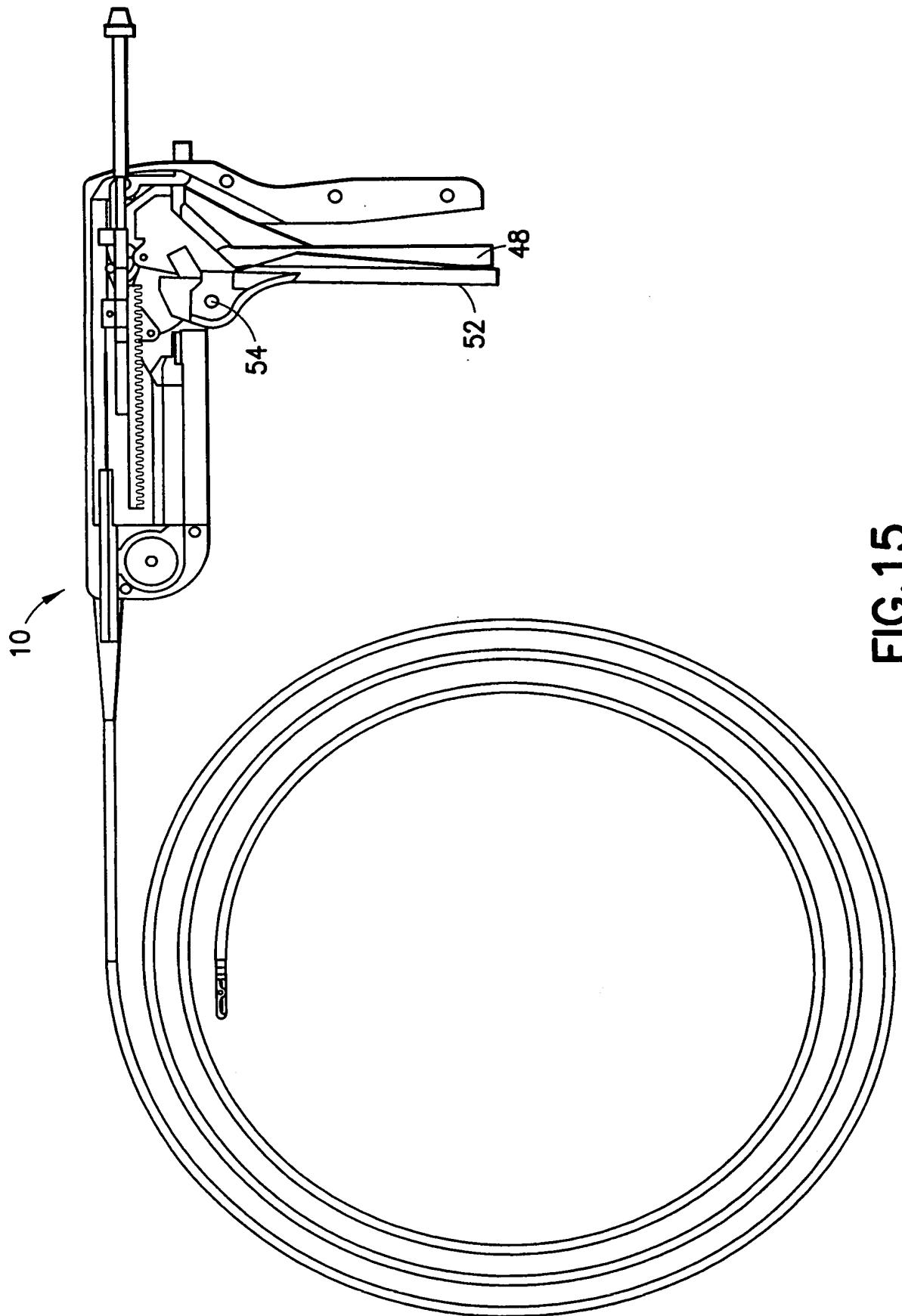
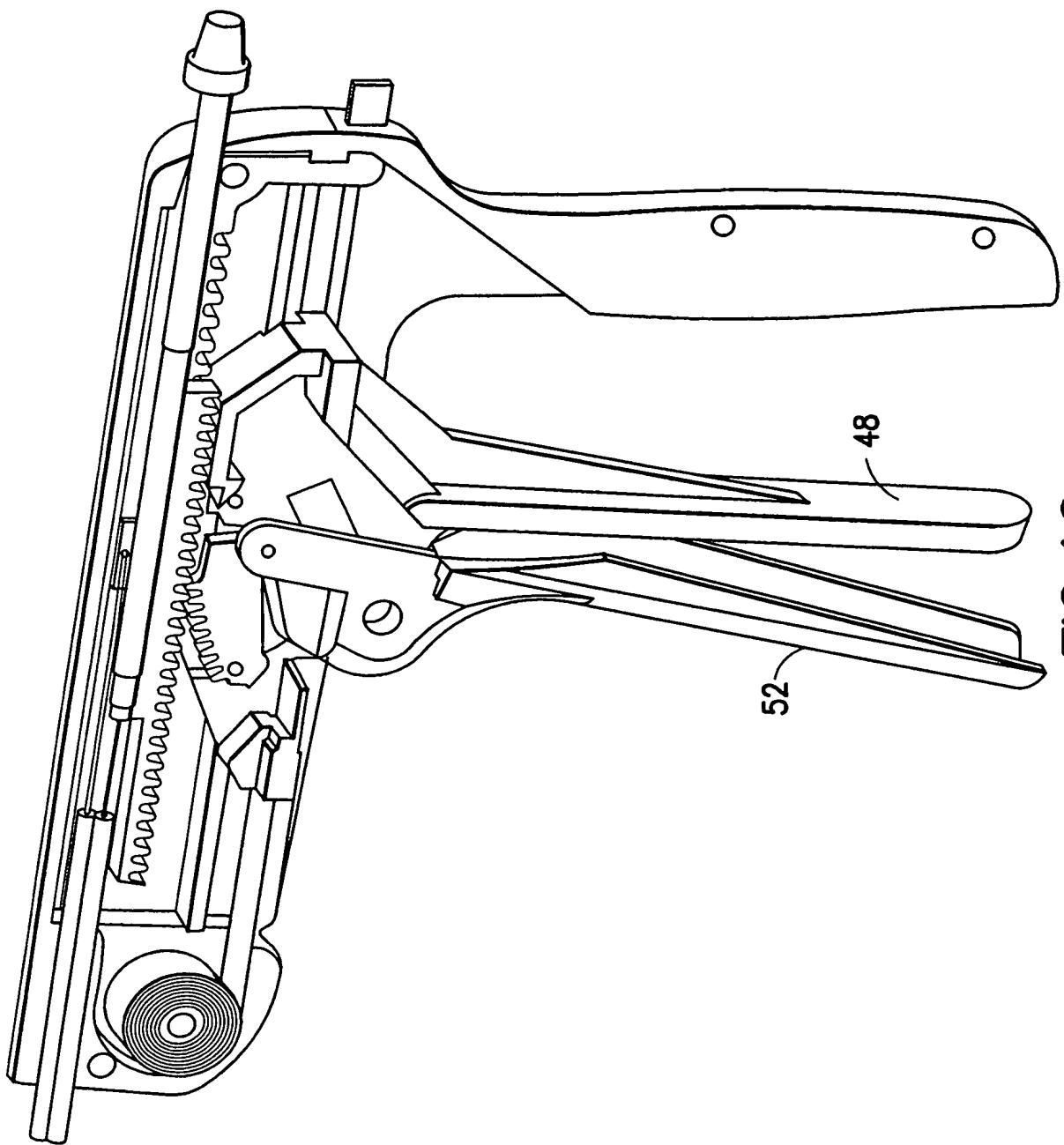


FIG. 16



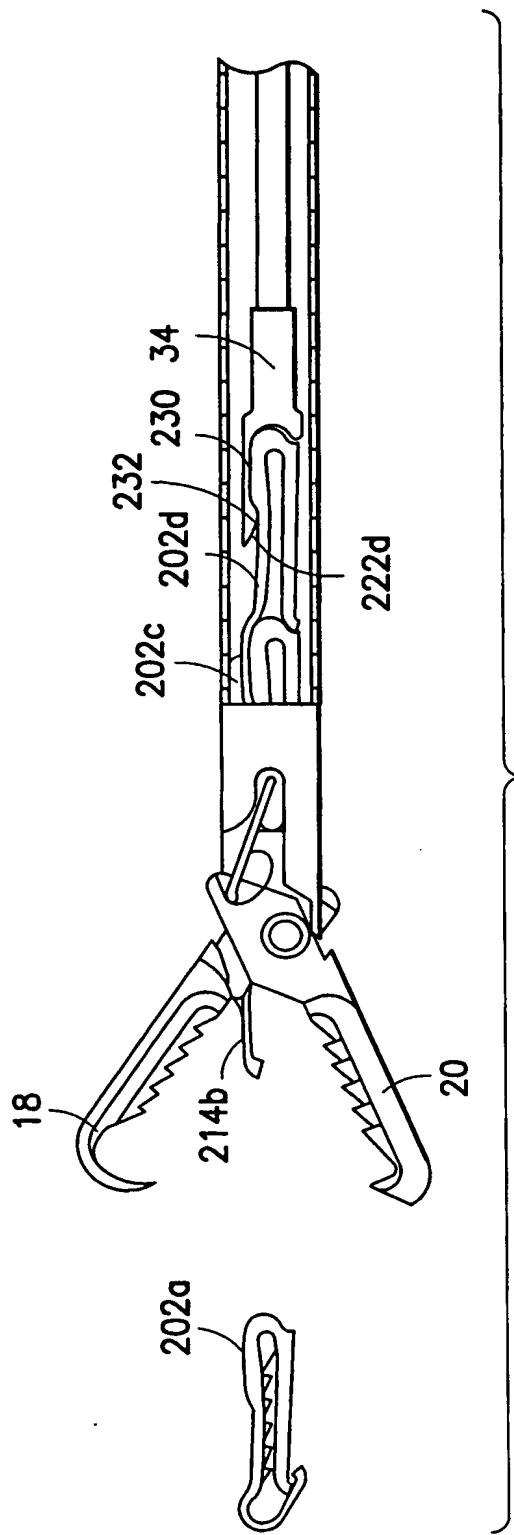


FIG. 19

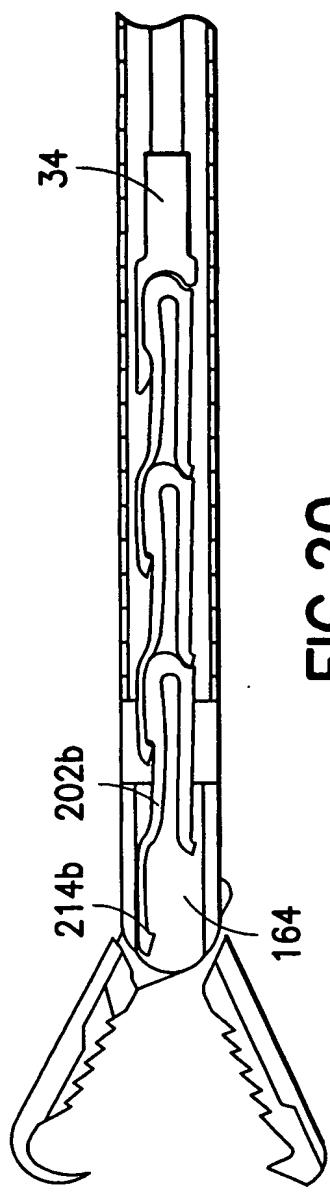
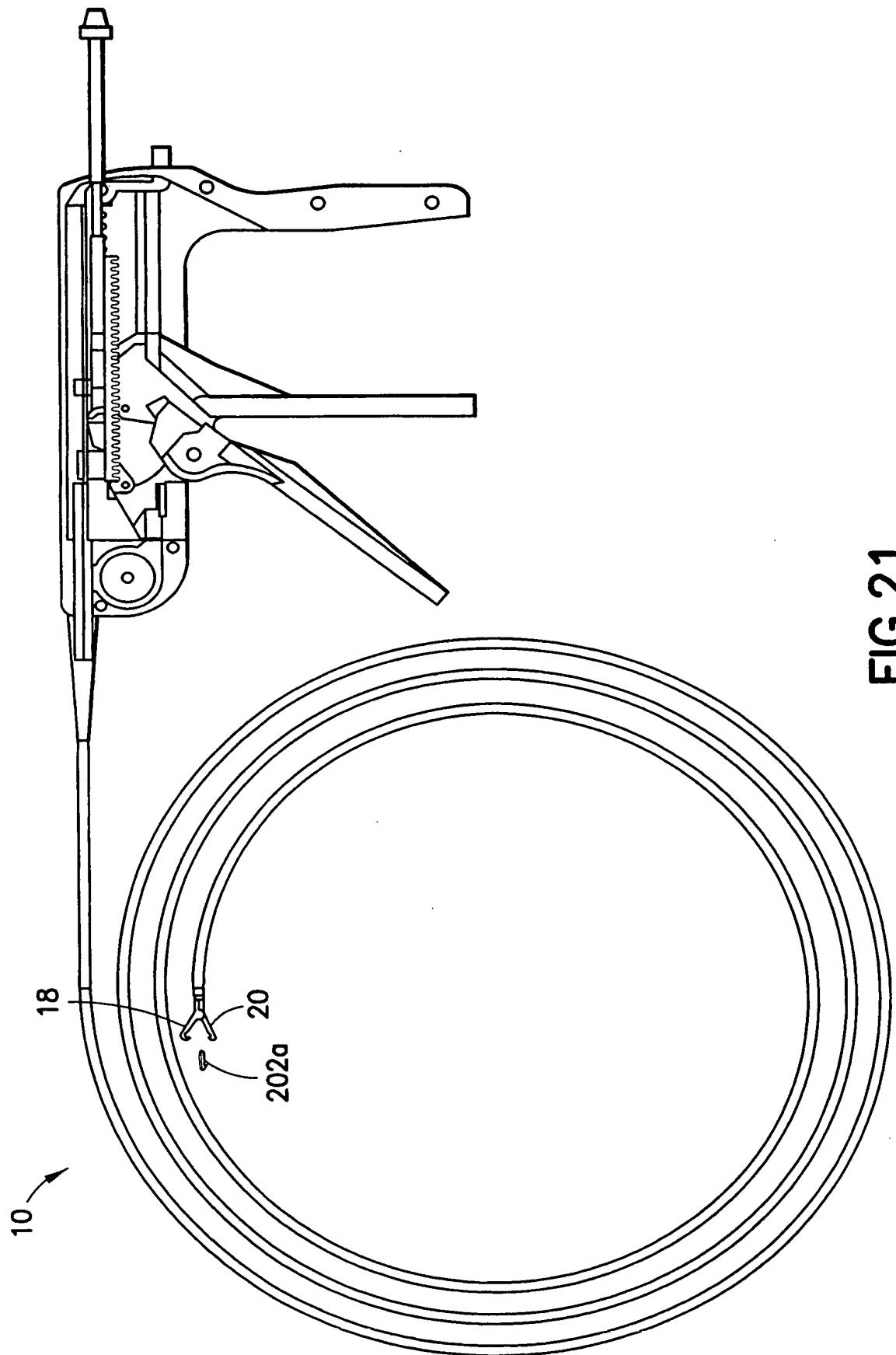


FIG. 20

FIG.21



COIL O.D.	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.086	0.086	0.083
COIL I.D.	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.053	0.053	0.054
CUP ADVANCING WIRE O.D.	0.017	0.017	0.017	0.015	0.02	0.02	0.02	0.02	0.017	0.017	0.017	0.017
END EFFECTS WIRE O.D.	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.009	0.009	0.009	0.009
BARRIER SHEATH	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
RUN #1	RUN #2	RUN #3	RUN #4	RUN #5	RUN #6	RUN #7	RUN #8	RUN #9	RUN #10	RUN #11	RUN #12	RUN #13
1 lb	0.46	0.24	0.32	0.54	0.59	0.56	0.45	0.87	0.4	0.57	0.77	
2 lb	1.19	0.75	0.9	1.07	1.07	1.07	0.69	1.62	1.12	1.02	1	
3 lb	1.67	1.24	1.44	1.51	1.9	1.7	1.02	2.07	1.61	1.39	1.77	
4 lb	2.19	1.81	1.98	2.62	2.3	2.6	1.51	2.61	2.01	2.09	2.76	
5 lb	2.74	2.35	2.59	2.05	3.07	2.98	2.26	3.5	2.44	3.19	3.15	
6 lb	3.27	2.82	2.61	2.11	3.68	3.72	2.56	3.87	2.78	3.5	3.61	
7 lb	3.32	3.12	3.37		3.93	3.8	3.34	4.56	3.54	3.92	4.48	
8 lb	3.82	3.42			4.03	4.08	3.54	4.61	4.28	4.42	5.17	
WEIGHT POSITION	11 lb NO Loops	11 lb 1 Loops	11 lb 2 Loops	11 lb NO Loops	11 lb 1 Loops	11 lb 2 Loops	11 lb NO Loops	11 lb 2 Loops	11 lb NO Loops	11 lb 2 Loops	11 lb NO Loops	

FIG.22

FIG.23

